

## INDUSTRIAL COMPONENT DATA

# FRCMM-40/2/003-G/A-NA 167120 Y7-167120 EATON ELECTRIC Residual current circuit breaker (RCCB), 40A, 2p, 30mA..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-40/2/003-G/A-NA



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-40/2/003-G/A-NA                   |
| Catalog number  | Y7-167120                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-F9ECCDF64B                           |
| Generated       | 2026-08-06                              |

## Product Overview

Residual current circuit breaker (RCCB), 40A, 2p, 30mA, type G/A

FRCMM-40/2/003-G/A-NA

Eaton Moeller series xEffect - FRCmM-NA RCCB. Residual current circuit breaker (RCCB), 40A, 2p, 30mA, type G/A, UL Residual current circuit-breaker FRCmM-NA, 2 pole, Rated current In: 40 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I?N: 0.03 A, Switchgear for export to North America (UL-listed)

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                   |
|--------------|---------------------------------------------------|
| Catalog path | EATON - MOELLER > Modular Switchgear - Industrial |
|--------------|---------------------------------------------------|

## Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRCmM-NA RCCB Catalog Number 167120 Model Code

FRCMM-40/2/003-G/A-NA EAN 4015081636136 Product Length/Depth 80 mm Product Height 71 mm Product Width 35 mm Product Weight 0.22 kg Compliances RoHS conform Certifications EN 61008

UL 1053

IEC 61008

ÖVE E 8601

EN45545-2

IEC 61373 Catalog Notes Additionally protects against special forms of residual pulsating DC which have not been smoothed. Delivery program

Application Switchgear for export to North America (UL-listed) Number of poles Two-pole Tripping time Short time-delayed

8 ms delay at 60 Hz

10 ms delay at 50 Hz Amperage Rating 40 A Rated short-circuit strength 10 kA with back-up fuse

5 kA (UL, as per CSA) Fault current rating 30 mA Sensitivity type Pulse-current sensitive Impulse withstand current 3 kA (8/20 us) surge-proof Type Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Voltage rating (UL) 480Y/277 V, 60 Hz Rated operational voltage (Ue) - max 277 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Overvoltage tested - max 530 V Rated fault current - min 0.03 A Rated fault current - max 0.03 A Frequency rating 50 Hz / 60 Hz Short-circuit rating Max. admissible back-up fuse: 63 A gG/gL, 70 A class J fuse (UL) Leakage current type A Rated residual making and breaking capacity 500 A Admissible back-up fuse overload - max 40 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current cap...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-40/2/003-G/A-NA with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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